

20031219.qrp v03\_n139.qrl.20031219

Date: Fri, 19 Dec 2003 19:03:08 EST  
From: qrp-l@Lehigh.EDU  
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: QRP-L digest 3139

QRP-L Digest 3139

Topics covered in this issue include:

- 1) [163355] Re: MORE #S ADDED TO KEY LIST  
by W2BJ <barry@w2bj.com>
- 2) [163356] 80m tonite  
by "sslyon" <sslyon@megalink.net>
- 3) [163357] blt and dipole  
by Marten T Beels <martentb@goshen.edu>
- 4) [163358] WTD: 2N4416, 2SC1307  
by "Howard Kraus" <K2UD@adelphia.net>
- 5) [163359] [CONTEST] N2CQ QRP Contest Calendar Dec 19-31, 2003  
by "Ken Newman" <n2cq@dandy.net>
- 6) [163360] RE: blt and dipole  
by "Thomas Lewis" <thomas\_h\_lewis@msn.com>
- 7) [163361] Re: wire free electric power  
by "John Payne" <paynej1@earthlink.net>
- 8) [163362] DDS Daughter Card  
by "Rich Johnson" <rjohnson390@comcast.net>
- 9) [163363] Skunked...  
by "sslyon" <sslyon@megalink.net>
- 10) [163364] RTTY at the bottom of 30 meters  
by w2bvh <w2bvh@comcast.net>
- 11) [163365] OT: Response to old analog bag phone use questions.  
by "Mike Majority" <n4vbv@earthlink.net>
- 12) [163366] Geeze what can it be?  
by Karl Larsen <k5di@zianet.com>
- 13) [163367] OT: Correction to previous post (Response to analog bagphone use)  
by "Mike Majority" <n4vbv@earthlink.net>
- 14) [163368] 80 meters  
by "Jerry Ford" <benlightnd13@mchsi.com>
- 15) [163369] QRP 9k6 packet with FT-817??  
by Bill Vodall - WA7NWP <wa7nwp@jnos.org>
- 16) [163370] Re: Geeze what can it be?  
by "Don Foster" <k5kw@azalea.net>
- 17) [163371] RE: RTTY at the bottom of 30 meters  
by "Ray Goff" <radioham@gmx.co.uk>
- 18) [163372] Re: RTTY at the bottom of 30 meters  
by "Oleg V. Borodin" <master72@lipetsk.ru>
- 19) [163373] RE: blt and dipole

- by "Thomas Lewis" <thomas\_h\_lewis@msn.com>
- 20) [163374] Re: 80m tonite  
by Wayne\_W5KDJ <w5kdj@juno.com>
- 21) [163375] Re: RTTY at the bottom of 30 meters  
by Al Scanandoah <k2zn@rochester.rr.com>
- 22) [163376] Re: MORE #S ADDED TO KEY LIST  
by Curt Milton <wb8yyy@yahoo.com>
- 23) [163377] RE: blt and dipole  
by Karl Larsen <k5di@zianet.com>
- 24) [163378] RE: blt and dipole (send them up)  
by John Kalotai <n1olo@yahoo.com>
- 25) [163379] RE: RTTY at the bottom of 30 meters  
by Tom Severt <n2uhc@yahoo.com>
- 26) [163380] FS: Idiom Press SCAF-1 Filter  
by "Michael Melland, W9WIS" <w9wis@charter.net>
- 27) [163381] Re: RTTY at the bottom of 30 meters  
by w2bvh <w2bvh@comcast.net>
- 28) [163382] a passing and a congratulations  
by w5xe@juno.com
- 29) [163383] FOX: Final Log N0IT for Hunt 16  
by "sjolin" <sjolin@swbell.net>
- 30) [163384] magnets and paddle  
by "David Porter" <aa3ur@comcast.net>
- 31) [163385] Paddle S/N list  
by Jerry Haigwood <w5jh@swlink.net>
- 32) [163386] New In-Line Digital power/swr meter  
by Steven Weber <kd1jv@moose.ncia.net>
- 33) [163387] RE: QRP 9k6 packet with FT-817??  
by "AI2Q" <ai2q@adelphia.net>
- 34) [163388] RE: QRP 9k6 packet with FT-817??  
by Bill Vodall - WA7NWP <wa7nwp@jnos.org>
- 35) [163389] QRP Web Ring  
by "Thom R. Lacosta" <lacosta@bcpl.net>
- 36) [163390] RE: QRP 9k6 packet with FT-817??  
by "Lyle Johnson" <wa7gxd@fidalgo.net>
- 37) [163391] FT-817  
by "Mike Yetsko" <myetsko@insydesw.com>
- 38) [163392] Re: FT-817  
by Ed Lawson <k1vp@grizzly.com>
- 39) [163393] op-amp  
by "carl seyersdahl" <carlseye@tampabay.rr.com>
- 40) [163394] Paddles are here  
by "Tom" <kf4yyd@adelphia.net>
- 41) [163395] VK land  
by "Ron KU7Y" <ku7y@tds.net>
- 42) [163396] DDS Daughter Card  
by "Brian.Buydens@usask.ca" <buydens@duke.usask.ca>
- 43) [163397] RE: FS: Idiom Press SCAF-1 Filter - SOLD

- by "Michael Melland, W9WIS" <w9wis@charter.net>
- 44) [163398] Re: DDS Daughter Card  
by "John J. McDonough" <wb8rcr@arrl.net>
- 45) [163399] Crossmode SOS Contact  
by "Bruce Prior" <n7rr@hotmail.com>
- 46) [163400] Re: FT-817  
by "Mike Yetko" <myetsko@insydesw.com>
- 47) [163401] sQRPions paddle #15  
by James R Giammanco <n5ib@juno.com>
- 48) [163402] DDS and PIC El 160 as combo for R2Pro  
by "Dick" <dboley@adelphia.net>
- 49) [163403] RE: [qrp-l] DDS Daughter Card  
by "Nick Kennedy" <wa5bdu@tcainet.net>
- 50) [163404] Terrible band CDX  
by "Fred \ (VE3FAL\)" <flesnick@tbaytel.net>
- 51) [163405] RE: FT-817  
by "David LeDuc" <dleduc@adelphia.net>
- 52) [163406] RE: blt and dipole (send them up)  
by "Thomas Lewis" <thomas\_h\_lewis@msn.com>
- 53) [163407] RE: DDS and PIC El 160 as combo for R2Pro  
by "Lyle Johnson" <wa7gxd@fidalgo.net>

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Date: Thu, 18 Dec 2003 19:04:34 -0500  
From: W2BJ <barry@w2bj.com>  
To: <joe1@km5cw.org>,  
Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>  
Subject: [163355] Re: MORE #S ADDED TO KEY LIST  
Message-ID: <BC07AAC2.8AA%barry@w2bj.com>  
Mime-version: 1.0  
Content-type: text/plain; charset="US-ASCII"  
Content-transfer-encoding: 7bit

On 12/18/03 6:43 PM, "Joe Martin" <joe1@km5cw.org> wrote:

> I was just over at the ScQRPions site and they have added some new #'s  
> to the list up to 185  
> [http://www.swlink.net/~w5jh/serial\\_numbers.htm](http://www.swlink.net/~w5jh/serial_numbers.htm) for anyone looking.  
I checked and found that I am #169. I am looking forward to some fun  
building it. I hope to work many of you when I am finished.  
72,  
Barry, W2BJ

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Date: Thu, 18 Dec 2003 19:50:52 -0500

From: "sslyon" <sslyon@megalink.net>  
To: "qrp list" <qrp-1@lehigh.edu>  
Subject: [163356] 80m tonite  
Message-ID: <000a01c3c5ca\$27ab28a0\$13c8e742@megalink.net>  
MIME-Version: 1.0  
Content-Type: text/plain;  
          charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Seabury & Sharon Lyon  
99 Sparrowhawk Mtn Rd  
Bethel ME, 04217 U.S.A.  
207-836-2576

Virus Protection by Norton and ZoneAlarm  
----- Original Message -----  
From: "sslyon" <sslyon@megalink.net>  
To: "listserver, qrp" <listserv@lehigh.edu>  
Sent: Thursday, December 18, 2003 7:42 PM  
Subject: 80m tonite

> NEQRP with Chuck, K1CL hosts the Thursday nite nets at 8:30PM  
> Eastern on or about 3.566. Nice opportunity for the rest of  
> the  
> continent to see just how good/bad the propagation is to the  
> last stop before EU -and work the antlers, too.  
> I'll be on tonite with my 176' c.f. doublet up 55'. We really  
> should take advantage of the seasonal advantage provided for  
> 80m. See you there.  
> 73'  
> seab  
> aa1my  
>  
> Seabury & Sharon Lyon  
> 99 Sparrowhawk Mtn Rd  
> Bethel ME, 04217 U.S.A.  
> 207-836-2576  
>  
> Virus Protection by Norton and ZoneAlarm  
>

-----  
Date: Thu, 18 Dec 2003 19:55:54 -0500

From: Marten T Beels <martentb@goshen.edu>  
To: qrp-l@lehigh.edu  
Subject: [163357] blt and dipole  
Message-ID: <1071795354.3fe24c9a0c07a@mail.goshen.edu>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=ISO-8859-1  
Content-Transfer-Encoding: 8bit

Hello all,

Finally my brand new FT-817 arrived yesterday and I'm having a blast with it. The first task was to get a dipole up in the trees somewhere which proved to be a real challenge! What are you favorite ways for getting a dipole up beyond 10' high?

Secondly, feeding my 66' dipole with 300 ohm tv twinlead I can use my BLT to tune 40m, 30m, 20m, and 12m, but not 17m, 15m, or 10m. I can't tune anything with the Z set to "high" like is recommended.

I realize that the antenna system is a complex interaction the feed line and radiator, but I'm wondering if there is an optimum combination of dipole length and feedline length to present the best match on as many bands as possible. I remember reading about an 44' dipole fed with 95' of 300 ohm twin lead as one of those possible combinations (but I'm not sure). But I've read that people have not been able to tune a 44' dipole on 40m with the BLT.

What results have you guys had using a BLT with what lengths of dipole and feedline?

Thanks!

Marten  
KC8HZM

-----  
This mail sent through IMP: <http://horde.org/imp/>

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Date: Thu, 18 Dec 2003 20:01:16 -0500  
From: "Howard Kraus" <K2UD@adelphia.net>  
To: <qrp-l@Lehigh.EDU>  
Subject: [163358] WTD: 2N4416, 2SC1307  
Message-ID: <004b01c3c5cb\$9af3ae80\$9f131443@kntnny.adelphia.net>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

Ok, the earlier wants were too easy. Let's try these.

I let the smoke out of a 2N4416 in my Optimized Transceiver VFO, I am in need of one with the smoke still in it.

The 2SC1307 will be a bit harder to find. This will go in place of the final in my 10M FM rig to give it some boost. Idea: anyone have to make an order for RF Parts and can't make the minimum? I could combine and hopefully make the \$25 minimum.

TNX to all for help on these, and a tremendous TNX to those who helped me with the 2N930 and 2N2369 earlier!

72

Howard Kraus, K2UD

-----  
Date: Thu, 18 Dec 2003 20:08:00 -0500  
From: "Ken Newman" <n2cq@dandy.net>  
To: "List QRP-Canada" <qrp-canada@neale.gpfn.sk.ca>,  
"K8NI Norm Into" <normk8ni@neo.ir.com>,  
Subject: [163359] [CONTEST] N2CQ QRP Contest Calendar Dec 19-31, 2003  
Message-ID: <011c01c3c5cc\$8fd9c600\$9fea80d1@kensdell>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

~~~~~  
N2CQ QRP CONTEST CALENDAR  
December 19-31, 2003  
~~~~~

40 METER FOXHUNT - Wednesday 0200z to 0400z (Tue eve USA)  
Info: <http://www.cqc.org>

Truffle Hunt - 30 min before Fox Hunt  
Info: [http://fpqrp.com/pig\\_hunt.html](http://fpqrp.com/pig_hunt.html)  
~~~~~

AGB (Belarus) Party Contest (CW/SSB) (80m)... QRP Category  
Dec 19, 2100z to 2400z  
Rules: [http://www.qsl.net/eu1eu/agb\\_party.htm](http://www.qsl.net/eu1eu/agb_party.htm)  
~~~~~

Croatian CW Contest (CW) ... QRP Category  
Dec 20, 1400z to Dec 21, 1400z  
Rules: <http://www.sk3bg.se/contest/9acwc.htm>

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RAC Canada Winter Contest (ALL) ... QRP Category  
Dec 27, 0000z to 2359z  
Rules: <http://www.rac.ca/CANWIN.htm>  
See <http://www.rac.ca/qrp-can/rwrqrp.htm>  
for more awards from QRP-Canada

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Stew Perry (W1BB) Topband Distance Challenge (CW) ... QRP Category  
Dec 27, 1500z to Dec 28, 1500z  
Rules: <http://jzap.com/k7rat/stew.rules.txt>

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Original QRP Contest (CW - 80, 40 & 20m) ... QRP Category  
Dec 27, 1500z to Dec 28, 1500z  
Rules: <http://www.qrpcc.de/>

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Holiday Milliwatt CW Contest \*\*\* QRP Contest \*\*\*  
Dec 28, 1800 to 0200 z  
Dec 29, 1800 to 0200 z  
Dec 30, 1800 to 0200 z  
Rules: <http://www.knightlites.org/>

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Thanks to SM3CER, WA7BNM, N0AX(ARRL), WB3AAL and others  
for assistance in compiling this calendar.

Please forward the contest info you sponsor to N2CQ@ARRL.NET and  
we will post it and give it more publicity.  
Anyone may use this "N2CQ QRP Contest Calendar" for your website,  
newsletter, e-mail list or other media as you choose.  
(Include a credit to the source of this material of course.)

72 de

Ken Newman - N2CQ  
N2CQ@ARRL.NET

<http://www.amqrp.org/contesting/contesting.html>  
<http://www.n3epa.org/Pages/Contest/contest.htm>

-----  
Date: Thu, 18 Dec 2003 20:19:54 -0500  
From: "Thomas Lewis" <[thomas\\_h\\_lewis@msn.com](mailto:thomas_h_lewis@msn.com)>  
To: [martentb@goshen.edu](mailto:martentb@goshen.edu), [qrp-1@Lehigh.EDU](mailto:qrp-1@Lehigh.EDU)  
Subject: [163360] RE: blt and dipole  
Message-ID: <BAY5-F351ZEsm6pUpba00047b73@hotmail.com>

Mime-Version: 1.0

Content-Type: text/plain; format=flowed

I can only answer one of your questions.

I have successfully tuned a 44 ft doublet on 40 meters with my BLT. The doublet was up about 30 ft. The length of the 300 ohm twinlead was as required to get from the radiator to the tuner... I'm guessing roughly 50 ft. The rig was a Rock Mite.

Good luck

Tom  
K4THL

>From: Marten T Beels <martentb@goshen.edu>  
>Reply-To: martentb@goshen.edu  
>To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
>Subject: blt and dipole  
>Date: Thu, 18 Dec 2003 19:55:54 -0500  
>  
>Hello all,  
>  
>Finally my brand new FT-817 arrived yesterday and I'm having a blast with  
>it.  
>The first task was to get a dipole up in the trees somewhere which proved to  
>be  
>a real challenge! What are you favorite ways for getting a dipole up  
>beyond  
>10' high?  
>  
>Secondly, feeding my 66' dipole with 300 ohm tv twinlead I can use my BLT  
>to  
>tune 40m, 30m, 20m, and 12m, but not 17m, 15m, or 10m. I can't tune  
>anything  
>with the Z set to "high" like is recommended.  
>  
>I realize that the antenna system is a complex interaction the feed line  
>and  
>radiator, but I'm wondering if there is an optimum combination of dipole  
>length  
>and feedline length to present the best match on as many bands as possible.  
> I  
>remember reading about an 44' dipole fed with 95' of 300 ohm twin lead as  
>one  
>of those possible combinations (but I'm not sure). But I've read that  
>people



>have not been able to tune a 44' dipole on 40m with the BLT.  
>  
>What results have you guys had using a BLT with what lengths of dipole and  
>feedline?  
>  
>Thanks!  
>  
>Marten  
>KC8HZM  
>  
>  
>-----  
>This mail sent through IMP: <http://horde.org/imp/>

-----  
Enjoy the holiday season with great tips from MSN.  
<http://special.msn.com/network/happyholidays.armx>

-----  
Date: Thu, 18 Dec 2003 20:46:16 -0500  
From: "John Payne" <paynej1@earthlink.net>  
To: "John Payne" <paynej1@earthlink.net>,  
    "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>  
Subject: [163361] Re: wire free electric power  
Message-ID: <001101c3c5d1\$e4fb0a40\$0201a8c0@desktop>  
MIME-Version: 1.0  
Content-Type: text/plain;  
    charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Oh well, I give up. Looks as if the main post got lost and the correction  
got sent twice. Sorry for the wasted bandwidth, back in my hole now.

Anyway, Happy Holidays to all and  
73 de N4FLJ

----- Original Message -----

From: "John Payne" <paynej1@earthlink.net>  
To: <paynej1@earthlink.net>; "Low Power Amateur Radio Discussion"  
<qrp-1@Lehigh.EDU>  
Sent: Thursday, December 18, 2003 4:14 PM  
Subject: Re: wire free electric power

> Oops... that's several years ago!  
> ----- Original Message -----  
> From: "John Payne" <paynej1@earthlink.net>

> To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
> Sent: Thursday, December 18, 2003 1:51 PM  
> Subject: Re: wire free electric power  
>  
>  
> > If one reads the technology info on the web site this is NOT "beamed"  
> > power, it is a technology that first surface several rears ago.  
>  
> 73 de John N4FLJ  
>  
>

-----  
Date: Thu, 18 Dec 2003 18:12:18 -0800  
From: "Rich Johnson" <rjohnson390@comcast.net>  
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>  
Subject: [163362] DDS Daughter Card  
Message-ID: <002101c3c5d5\$877a48f0\$7b48e40c@END0EB86CD98A1>  
MIME-Version: 1.0  
Content-Type: text/plain;  
                charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Is there available a program to operate the DDS daughter card from a PC  
parallel port under Win2K Pro?

Thank you for the bandwidth.

cheers,  
rich

-----  
Date: Thu, 18 Dec 2003 21:14:32 -0500  
From: "sslyon" <sslyon@megalink.net>  
To: "qrp list" <qrp-l@lehigh.edu>, "NEQRP LIST" <neqrp@jona1.net>  
Subject: [163363] Skunked...  
Message-ID: <000701c3c5d5\$d7723d40\$13c8e742@megalink.net>  
MIME-Version: 1.0  
Content-Type: text/plain;  
                charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Well, maybe my 300' feeder failed in the winter onslaught after all. I could hear Chuck at 5/2, Charles, Mike and Lenny at 5/7, Bob at 5/5... but nobody could hear me, even at 10 watts. That was sure frustrating and I'll make the trek up the hill to check it out Saturday.

Have a great Holiday, all, and I'll be checking 80m more often now that there's more interest.

73

72

seab

aa1my

Seabury & Sharon Lyon  
99 Sparrowhawk Mtn Rd  
Bethel ME, 04217 U.S.A.  
207-836-2576

Virus Protection by Norton and ZoneAlarm

-----  
Date: Thu, 18 Dec 2003 22:11:33 -0500  
From: w2bvh <w2bvh@comcast.net>  
To: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>  
Subject: [163364] RTTY at the bottom of 30 meters  
Message-ID: <3FE26C65.7050303@comcast.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=ISO-8859-1; format=flowed  
Content-Transfer-Encoding: 7bit

Has anyone ever tried to decode the rtty signal that's at 10.100 about 80% of the time. Looks like he uses a 450 Hz shift. But so far I can't get anything readable. Lots of parameters to play with norm/reverse, usb/lsw, baudot/ascii etc.

Lenny W2BVH

-----  
Date: Thu, 18 Dec 2003 22:18:33 -0500  
From: "Mike Majority" <n4vbv@earthlink.net>  
To: qrp-1@lehigh.edu  
Subject: [163365] OT: Response to old analog bag phone use questions.  
Message-ID: <410-220031251931833468@earthlink.net>  
MIME-Version: 1.0

Content-type: text/plain; charset=US-ASCII

Have received a few offline questions from my earlier post on reusing old analog cellular bag phones, so am posting an update.

These phones (if in working order, useable cellular signal, etc.) can be used anytime to dial 911, even if not activated. They can also be used by buying a prepaid card that gives you a certain amount of minutes to use without requiring a monthly contract. You simply purchase a card with a certain amount of minutes to meet your needs. HOWEVER, YOU MAY BE REQUIRED TO PAY AN ACTIVATION FEE!

For example - The card I purchased for my parents (\$60 U.S.) gives them about 2 hrs air time, including nationwide roaming and nationwide long distance included. The phone (old Motorola bag phone) cost me \$20 to activate. They just keep the phone in the car to use if needed for emergencies, unplanned late arrivals, sporadic doctor appointment changes, etc.

THE CATCH: they're required to pay \$10 every 2 months to keep the card active. But this does give them about 45 additional minutes each time, AND their original long distance minutes roll over to the next period. As long as they pay the \$10 fee every 2 months the original card stays active, but if they don't, all minutes are lost and the phone must be reactivated with a new card to use it again (except for the 911 feature listed earlier). Different companies offer different options, so you can choose what you need (local, long distance, roaming, etc.), just pick a prepaid plan that meets your needs.

The good - these old phones are ~ 3 watts, so have decent coverage. The company I used said they have lots of folks activating these old phones simply for emergencies/unplanned situations where a monthly plan isn't needed. Mine didn't have a battery, but the power cord (for cigarette lighter) is long enough to put the phone on the car roof if necessary for greater range.

Check your phone with a local company for plan compatability, read the fine print, and shop around. I'm enclosing the ad and website of the company I used only for info on what some prepaid plans offer, no connection, etc.

The ad:

-----  
Re-Chargeable Prepaid Wire-  
less Cards... Problem Solved!

Parents can stay in control of their wireless bill even when their teen is in control of the phone. Prepaid cards are great for setting a wireless budget and sticking to it. Card amounts from \$10 to \$100 are available at

any Appalachian Wireless store.

No Contract to Sign and No Monthly Payments

-----  
The link:

<http://www.appwireless.com/>  
-----

72, es hope this helps,  
MIke, N4VBV

--- Mike Majority

--- n4vbv@earthlink.net

--- EarthLink: The #1 provider of the Real Internet.

-----  
Date: Thu, 18 Dec 2003 20:40:41 -0700 (MST)  
From: Karl Larsen <k5di@zianet.com>  
To: qrp-l@lehigh.edu  
Subject: [163366] Geeze what can it be?  
Message-ID: <Pine.LNX.4.44.0312182034110.4700-100000@bucket.dog>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

The solar numbers are great SFI:123 A:6 K:2 2100 18 Dec and so I expected to hear beacons on 20 17 15 24 and 10 meters but instead find there is exactly zero beacons can be heard! Check antenna but it's fine. Receiver is hearing noise of passing cars ignition. The beam is at 60 feet and pointing east.

40 meters sounds ok. I heard Mexico City work a w9 so that's good. I heard both sides here in NM. 80 is coming alive right now at 0330 UTC.

Wierd conditions.

--

- Karl Larsen k5di Las Cruces,NM Az ScQRPions -

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Date: Thu, 18 Dec 2003 23:04:32 -0500  
From: "Mike Majority" <n4vbw@earthlink.net>  
To: qrp-1@lehigh.edu  
Subject: [163367] OT: Correction to previous post (Response to analog bagphone use)  
Message-ID: <410-22003125194432734@earthlink.net>  
MIME-Version: 1.0  
Content-type: text/plain; charset=US-ASCII

Correction: Price actually was \$40 for the 2 hrs airtime card, \$20 activation, \$60 total. Would be WAY expensive otherwise!

72,  
Mike, N4VBV

-----  
Date: Thu, 18 Dec 2003 19:08:12 -0600  
From: "Jerry Ford" <benlightnd13@mchsi.com>  
To: "qrp-1" <qrp-1@lehigh.edu>, "FPigs" <fpqrp-1@mpna.com>  
Subject: [163368] 80 meters  
Message-ID: <000501c3c5cc\$94767fa0\$4a78da0c@mchsi.com>

OK, Susy is home and I've been releaved of Spiderman duty.  
LOL

Tons of signals on 80 ( thanks for the tip Karl ) so I'm  
going to go just above 3560 and make a few calls.  
While I'm at it, I may as well see if I can dig up a state or two for  
my 5 band.

Anybody out there in NV. OR. RI VT or WY??

73 / 72 es oo Jerry N0JRN

FP # 546, 4SQRP, ARS # 923, ARCI # 11049, ARRL,  
Springfield, Mo. MP + #8  
<http://home.mchsi.com/~n0jrn>

-----

Date: Thu, 18 Dec 2003 21:14:09 -0800 (PST)  
From: Bill Vodall - WA7NWP <wa7nwp@jnos.org>  
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [163369] QRP 9k6 packet with FT-817??  
Message-ID: <Pine.LNX.4.33.0312182054240.27868-100000@mlark.vodall.isomedia.com>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

Lots of Kenwood FT-817 owners here. Has anybody here tried using the FT-817 for 9600 packet?

I'm thinking the combination of the 817 with a soundcard modem setup should give a vast range of modes and frequencies. The big question is if it'll really work for 9600 packet.

Thanks,  
Bill - WA7NWP

-----  
Date: Thu, 18 Dec 2003 23:42:39 -0600  
From: "Don Foster" <k5kw@azalea.net>  
To: <qrp-l@Lehigh.EDU>  
Subject: [163370] Re: Geeze what can it be?  
Message-ID: <002401c3c5f2\$f0fd5e80\$38daab41@21byq>  
MIME-Version: 1.0  
Content-Type: text/plain;  
                charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

----- Original Message -----

From: "Karl Larsen" <k5di@zianet.com>

>

> Wierd conditions.

You ain't woofin' Karl. This evening at 0453Z I worked OE3EPW near Vienna, Austria, with 5 watts on 40 meters. Shortly thereafter, a few kHz away, I snagged ZK2SA on Niue Island in the Pacific but it required 100 watts to break the pileup.

Very few other signals on the band. Double wierd.

Don, K5KW  
Oklahoma

-----  
Date: Fri, 19 Dec 2003 08:30:36 -0000  
From: "Ray Goff" <radioham@gmx.co.uk>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [163371] RE: RTTY at the bottom of 30 meters  
Message-ID: <FDE0KGEJJFNPABJIJGDDEENJHBAA.radioham@gmx.co.uk>  
MIME-Version: 1.0  
Content-Type: text/plain;  
                charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Hi,

In the UK it is a weather transmission, I assume it is the same station.

I forgot all the parameters, but it can be decoded using MMTTY - but it is hardly worth the effort as all that comes out is 5 letter groups...

It is a good indicator of propagation though!

73

Ray, G4FON

> -----Original Message-----  
> From: owner-qrp-1@Lehigh.EDU [mailto:owner-qrp-1@Lehigh.EDU]On Behalf Of  
> w2bvh  
> Sent: 19 December 2003 03:12  
> To: Low Power Amateur Radio Discussion  
> Subject: RTTY at the bottom of 30 meters  
>  
>  
> Has anyone ever tried to decode the rtty signal that's at 10.100 about  
> 80% of the time. Looks like he uses a 450 Hz shift. But so far I can't  
> get anything readable. Lots of parameters to play with norm/reverse,  
> usb/lsb, baudot/ascii etc.  
>  
> Lenny W2BVH  
>  
>



-----  
Date: Fri, 19 Dec 2003 12:07:20 +0300  
From: "Oleg V. Borodin" <master72@lipetsk.ru>  
To: w2bvh <w2bvh@comcast.net>  
Cc: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [163372] Re: RTTY at the bottom of 30 meters  
Message-ID: <591647294.20031219120720@lipetsk.ru>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

w> Has anyone ever tried to decode the rtty signal that's at 10.100 about  
w> 80% of the time. Looks like he uses a 450 Hz shift. But so far I can't  
w> get anything readable. Lots of parameters to play with norm/reverse,  
w> usb/lwb, baudot/ascii etc.  
w> Lenny W2BVH

This is DDK2 - Germany Naval Weather/Navigation Station.  
For receive RTTY setup: freq's shift - 425 Hz, Baudout - 50, LSB,  
Normal, English characters. No problems!

Wish you all the best!  
72! de RV3GM Oleg ("Master-72") V. Borodin  
RU-QRP Club <http://ruqrp.narod.ru>

=== In QRP We Trust! ===

-----  
Date: Fri, 19 Dec 2003 06:56:10 -0500  
From: "Thomas Lewis" <thomas\_h\_lewis@msn.com>  
To: martentb@goshen.edu, qrp-1@Lehigh.EDU  
Subject: [163373] RE: blt and dipole  
Message-ID: <BAY5-F11BQiNhgyLaVB0004ad56@hotmail.com>  
Mime-Version: 1.0  
Content-Type: text/plain; format=flowed

I was able to tune Rock Mites on 40 and 20 and a SW+ on 30. That is all I own.

I'm presently off the air. I had to move to an apartment temporarily. But as soon as I get back into a house, the 44 ft. doublet is going back up.

I recommend you do a search for L.B. Cebik's (W4RNL) website. Search on his

call. Find his write-up titled "Suppose I Could Have Only One Wire Antenna...". He discusses the 67 ft. vs the 44 ft. doublet. His case (basically) for 44 over 67 is to assure a broadside signal on 10 meters (exceeding 1.25 w1 on 10 meters with the 67). According to his data listed for the 67 ft. though I would think you would have an easier time tuning on 17 and 12 than you do on 20. The |magnitude| of the feedpoint Zs he lists are lower. I only choose 44 ft. due to space limitations.

Are you taking the proper precautions with your feedline? Unlike coax, the feedline can't touch anything i.e. roof, walls, window frame etc. I brought my feedline into the house through a hole drilled in a piece of 1 X 6 jammed in the bottom of a window. I made a standoff from 1 X 2 to bring the wire down the side of the house. I'm not an expert but I understand the twinlead "couples" if it is too close to anything especially the window frame. I know that I couldn't tune anything until I took these precautions. Also, bring the feedline down from the radiator at 90 deg. for as long as you can (without hitting the roof).

Qualifier: I've only been doing this for about a year since I came back to hamming and caught the Rockmite bug. The gang in the Rockmite group first made me aware of non-resonant, multiband, balanced feedline, Z-match antenna systems. I'm still working on it. The little I have learned so far has greatly increased my enjoyment in operating.

I'm going to post this back to the group. You can be sure that something here is incorrect. Then we will both know!

Good Luck again

Tom  
K4THL

>From: Marten T Beels <martentb@goshen.edu>

>To: Thomas Lewis <thomas\_h\_lewis@msn.com>

>Subject: RE: blt and dipole

>Date: Thu, 18 Dec 2003 20:52:50 -0500

>

>Thanks, Tom! Did you try tuning the doublet on other bands?

>

>Marten

>KC8HZM

>

>Quoting Thomas Lewis <thomas\_h\_lewis@msn.com>:

>

> > I can only answer one of your questions.

> >

> > I have successfully tuned a 44 ft doublet on 40 meters with my BLT. The

> > doublet was up about 30 ft. The length of the 300 ohm twinlead was as  
> > required to get from the radiator to the tuner... I'm guessing roughly  
>50  
> > ft. The rig was a Rock Mite.  
> >  
> > Good luck  
> >  
> > Tom  
> > K4THL

-----  
Check your PC for viruses with the FREE McAfee online computer scan.  
<http://clinic.mcafee.com/clinic/ibuy/campaign.asp?cid=3963>

-----  
Date: Fri, 19 Dec 2003 12:32:07 GMT  
From: Wayne\_W5KDJ <w5kdj@juno.com>  
To: sslyon@megalink.net  
Cc: qrp-l@Lehigh.EDU  
Subject: [163374] Re: 80m tonite  
Message-ID: <20031219.043249.923.1452264@webmail11.lax.unttd.com>  
Mime-Version: 1.0  
Content-Type: text/plain

I QAP 3566 last nite and heard nothing in Houston. Did hear  
a couple dits on 3565.5. No props to S. Texas. 7:30pm is a  
little early for to hear ya'll folks up there in the cold.

Subject: 80m tonite

> NEQRP with Chuck, K1CL hosts the Thursday nite nets at 8:30PM  
> Eastern on or about 3.566. Nice opportunity for the rest of  
the  
> continent to see just how good/bad the propagation is to the  
> last stop before EU -and work the antlers, too.  
> I'll be on tonite with my 176' c.f. doublet up 55'. We really  
> should take advantage of the seasonal advantage provided for  
> 80m. See you there.  
> 73'  
> seab  
> aa1my  
>

> Seabury & Sharon Lyon  
> 99 Sparrowhawk Mtn Rd  
> Bethel ME, 04217 U.S.A.  
> 207-836-2576  
>  
> Virus Protection by Norton and ZoneAlarm  
>

-----  
Date: Fri, 19 Dec 2003 08:11:31 -0500  
From: Al Scanandoah <k2zn@rochester.rr.com>  
To: w2bvh@comcast.net  
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [163375] Re: RTTY at the bottom of 30 meters  
Message-ID: <3FE2F903.4070203@rochester.rr.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii; format=flowed  
Content-Transfer-Encoding: 7bit

It's probably some sort of governmental or military link, not necessarily ours. If so, it's most likely encrypted, so you're not going to be able to decode it.

Al, K2ZN

w2bvh wrote:

> Has anyone ever tried to decode the rtty signal that's at 10.100 about  
> 80% of the time. Looks like he uses a 450 Hz shift. But so far I can't  
> get anything readable. Lots of parameters to play with norm/reverse,  
> usb/lsb, baudot/ascii etc.  
>  
> Lenny W2BVH  
>  
>

-----  
Date: Fri, 19 Dec 2003 05:52:56 -0800 (PST)  
From: Curt Milton <wb8yyy@yahoo.com>  
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [163376] Re: MORE #S ADDED TO KEY LIST  
Message-ID: <20031219135256.96239.qmail@web60808.mail.yahoo.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii

Yes these folk are doing a great job! And I say this with my number not up yet! The mailman was late the day mine went out, and gee i hope my letter is not in the snow somewhere and I miss out! It would be nice to start work on mine before i go back to work on Jan. 5 and maybe not get to it for a while, but i will appreciate it when i finally get it. Thanks gang for sharing your project with us!

curt wb8yyy

--- Joe Martin <joe1@km5cw.org> wrote:  
> I was just over at the ScQRPions site and they have  
> added some new #'s  
> to the list up to 185  
> [http://www.swlink.net/~w5jh/serial\\_numbers.htm](http://www.swlink.net/~w5jh/serial_numbers.htm) for  
> anyone looking.  
>  
> --  
> 72 de KM5CW, Joe  
> FP#-697 QRP-L#2524 ARCI #11368 FISTS#4217  
> GRID EM13kf FtWorth,Tx  
> ( <http://www.km5cw.org> )  
> dit dit  
>  
>  
>

-----  
Do you Yahoo!?  
Free Pop-Up Blocker - Get it now  
<http://companion.yahoo.com/>

-----  
Date: Fri, 19 Dec 2003 07:11:00 -0700 (MST)  
From: Karl Larsen <k5di@zianet.com>  
To: Thomas Lewis <thomas\_h\_lewis@msn.com>  
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [163377] RE: blt and dipole  
Message-ID: <Pine.LNX.4.44.0312190655050.4701-100000@bucket.dog>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Fri, 19 Dec 2003, Thomas Lewis wrote:

> I was able to tune Rock Mites on 40 and 20 and a SW+ on 30. That is all I  
> own.

>  
> I'm presently off the air. I had to move to an apartment temporarily. But  
> as soon as I get back into a house, the 44 ft. doublet is going back up.  
>

Good for you Tom! Use Google to find Cebik's web site. Now the 88 and 44 foot dipoles. If at all possible put up the 88 foot dipole. Feed it in the center with 450 ohm ribbon from AES (also Google). Get the cheap stuff because it only lasts 10 years and can just handle 200 watts.

Higher is better. Get the dipole sort of straight and as high as possible. This may be just 15 or 20 feet.

I have a 60 foot tower with a 6 element beam on it. My 88 foot dipole is about 40 feet high in the center and runs down to 15 feet at the ends.

The 450 ohm ribbon comes down the side of the tower held off from the steel about 12 inches, down to close to the ground, through a hole in the Adobe wall made with barbed wire, and then up slightly to the back of my MFJ antenna tuner 1:1 balun. Then it hooks to my radios via coax.

It loads on 80 40 30 20 17 15 12 and 10 meters. On 20 meters it has a little gain off the ends of the antenna, but my beam has a lot of gain....:-)

Enjoy.

> I recommend you do a search for L.B. Cebik's (W4RNL) website. Search on his  
> call. Find his write-up titled "Suppose I Could Have Only One Wire  
> Antenna...". He discusses the 67 ft. vs the 44 ft. doublet. His case  
> (basically) for 44 over 67 is to assure a broadside signal on 10 meters  
> (exceeding 1.25 w1 on 10 meters with the 67). According to his data listed  
> for the 67 ft. though I would think you would have an easier time tuning on  
> 17 and 12 than you do on 20. The |magnitude| of the feedpoint Zs he lists  
> are lower. I only choose 44 ft. due to space limitations.  
>

> Are you taking the proper precautions with your feedline? Unlike coax, the  
> feedline can't touch anything i.e. roof, walls, window frame etc. I brought  
> my feedline into the house through a hole drilled in a piece of 1 X 6 jammed  
> in the bottom of a window. I made a standoff from 1 X 2 to bring the wire  
> down the side of the house. I'm not an expert but I understand the twinlead  
> "couples" if it is too close to anything especially the window frame. I  
> know that I couldn't tune anything until I took these precautions. Also,

> bring the feedline down from the radiator at 90 deg. for as long as you can  
> (without hitting the roof).  
>  
> Qualifier: I've only been doing this for about a year since I came back to  
> hamming and caught the Rockmite bug. The gang in the Rockmite group first  
> made me aware of non-resonant, multiband, balanced feedline, Z-match  
> antenna systems. I'm still working on it. The little I have learned so far  
> has greatly increased my enjoyment in operating.  
>  
> I'm going to post this back to the group. You can be sure that something  
> here is incorrect. Then we will both know!  
>  
> Good Luck again  
>  
> Tom  
> K4THL  
>  
>  
> >From: Marten T Beels <martentb@goshen.edu>  
> >To: Thomas Lewis <thomas\_h\_lewis@msn.com>  
> >Subject: RE: blt and dipole  
> >Date: Thu, 18 Dec 2003 20:52:50 -0500  
> >  
> >Thanks, Tom! Did you try tuning the doublet on other bands?  
> >  
> >Marten  
> >KC8HZM  
> >  
> >Quoting Thomas Lewis <thomas\_h\_lewis@msn.com>:  
> >  
> > > I can only answer one of your questions.  
> > >  
> > > I have successfully tuned a 44 ft doublet on 40 meters with my BLT. The  
> > > doublet was up about 30 ft. The length of the 300 ohm twinlead was as  
> > > required to get from the radiator to the tuner... I'm guessing roughly  
> > 50  
> > ft. The rig was a Rock Mite.  
> > >  
> > > Good luck  
> > >  
> > > Tom  
> > > K4THL  
>  
>  
> -----  
> Check your PC for viruses with the FREE McAfee online computer scan.  
> <http://clinic.mcafee.com/clinic/ibuy/campaign.asp?cid=3963>  
>  
>

--

- Karl Larsen k5di Las Cruces,NM Az ScQRPions -

-----  
Date: Fri, 19 Dec 2003 06:10:26 -0800 (PST)  
From: John Kalotai <n1olo@yahoo.com>  
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [163378] RE: blt and dipole (send them up)  
Message-ID: <20031219141026.89503.qmail@web80004.mail.yahoo.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii

I use a tree surgeon's throw bag and slick line. The throw bag is made of ballistic nylon and filled with fine lead shot. With a little practice it can be thrown accurately up to about 50 feet or so. Slick line is polypropylene line that slides nicely over branches. It can be stuffed into a large coffe can for deployment.

The two can be purchased together at tree surgeons or landscapers supply for about \$25.

The best part is unlike fishing line and weights it doesn't have the tendency to wrap around tree limbs.

73 & Happy Holly-Daze

John N10LO

-----  
Date: Fri, 19 Dec 2003 07:42:08 -0800 (PST)  
From: Tom Severt <n2uhc@yahoo.com>  
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [163379] RE: RTTY at the bottom of 30 meters  
Message-ID: <20031219154208.47310.qmail@web9604.mail.yahoo.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii

--- Ray Goff <radioham@gmx.co.uk> wrote:  
> Hi,  
>



> In the UK it is a weather transmission, I assume it  
> is the same station.  
>

Is that Bracknell? If I remember (but it's been a long time ago) they operated on 75 baud/425 shift sending coded WX. But I don't think they were down around the lower part of the 30 meter band.

There are numerous other digital stations from all over the world listed as using frequencies all through the 30 meter band.

=====

Tom Severt N2UHC  
<http://www.geocities.com/n2uhc>

-----  
Do you Yahoo!?  
New Yahoo! Photos - easier uploading and sharing.  
<http://photos.yahoo.com/>

-----  
Date: Fri, 19 Dec 2003 10:57:40 -0600  
From: "Michael Melland, W9WIS" <w9wis@charter.net>  
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>, [njqrp@njqrp.org](mailto:njqrp@njqrp.org)  
Subject: [163380] FS: Idiom Press SCAF-1 Filter  
Message-ID: <000f01c3c651\$380f8e20\$4986e98d@winad.it.uwosh.edu>  
MIME-version: 1.0  
Content-type: text/plain; charset=iso-8859-1  
Content-transfer-encoding: 7bit

This is the great SCAF-1 filter that Idiom Press puts out. It sells new with shipping as a kit for about \$100 and assembled for about \$135.

<http://www.idiompress.com/scaf-1.html>

I purchased this and built it over the summer.... and sold the rig I was going to use it with before I completed it <grin>. It is fully built, perfect condition, working perfectly and brand new. All that's left is to adjust the internal volume pot to the level you wish.

\$85 shipped.... payment via PayPal preferred.

Mike, W9WIS

-----  
Date: Fri, 19 Dec 2003 11:59:44 -0500  
From: w2bvh <w2bvh@comcast.net>  
To: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>  
Subject: [163381] Re: RTTY at the bottom of 30 meters  
Message-ID: <3FE32E80.7010703@comcast.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=ISO-8859-1; format=flowed  
Content-Transfer-Encoding: 7bit

Thanks to all for the info. Normal, LSB, 50 Baud, Baudot, 1 stop bit, 440Hz shift yields good copy. The station ID's often with "CQ CQ CQ DE DDK2 DDK5 DDK9" etc, citing frequencies of operation and RYRYRYRYRY headers before resuming 5 character groups.

73,  
Lenny W2BVH

-----  
Date: Fri, 19 Dec 2003 10:04:19 -0700  
From: w5xe@juno.com  
To: qrp-1@lehigh.edu  
Subject: [163382] a passing and a congratulations  
Message-ID: <20031219.100420.-724993.3.w5xe@juno.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

The passing was noted in the January 2004 QST Silent Key, of Jim White W5LET who did a lot of glowbug qrp projects that were published in Popular Electronics, Electronics Illustrated, CQ, 73 over the years 60's, 70 and into the 80's. Some really neat and fun projects. RIP Jim, and thanks.

Also noted in QST - Alan Kaul W6RCL, who sometimes graces this forum has been presented with the Edward R. Murrow award for news production. Congratulations Alan.

Ray

"The more I see of the representatives of the people,  
the more I admire my dogs." letter from Count d'Orsay  
Ray Colbert, W5XE, 00TC#3618, SOWP#1064M NARTE-NCT2R  
FP# 111, GQRP-6115,QRP-ARCI 5784, El Paso,(FAR WEST)TEXAS

-----  
Date: Fri, 19 Dec 2003 11:05:55 -0600  
From: "sjolin" <sjolin@swbell.net>  
To: "Qrp-l Reflector" <qrp-l@Lehigh.EDU>  
Subject: [163383] FOX: Final Log N0IT for Hunt 16  
Message-ID: <146201c3c652\$5e3cb2c0\$78d1fea9@DaveSjolin>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="Windows-1252"  
Content-Transfer-Encoding: 7bit

Attached is the final corrected log for hunt 16. Cleaned of dupes, and  
adding in the two foxii, it totals 61 Q's. Thanks again to all who stopped  
by on a very noisy evening.

73 de Dave, N0IT

0200	AC5JH	559	OK	TOM	5W
0202	K5JHP	559	TX	BILL	5W
0203	W5USJ	559	TX	CHUCK	5W
0204	N3BJ	559	VA	ALAN	5W
0205	W5YR	559	TX	GEORGE	5W
0206	KL7V	579	OK	SAM	5W
0207	N4ROA	559	VA	DAN	5W
0208	K5EOA	559	LA	WAYNE	5W
0209	K3ESE	559	MD	LLOYD	5W
0210	N1FN	559	CO	ET	5W
0211	W0CD	559	CO	DICK	5W
0211	KT5V	559	TX	DAVID	5W
0212	KG0PP	559	CO	JIM	5W
0213	N4DD	559	TN	DENNIS	5W
0214	W5TB	559	TX	DOC	5W
0215	AB9CA	559	AL	DAVE	5W
0216	AK7Y	559	AZ	GREG	5W
0217	N1TP	559	FL	TOM	5W
0220	N5ZE	559	TX	LEW	5W
0222	AA7EQ	559	AZ	BOB	5W
0223	AA50	559	LA	VERN	5W
0225	AG4PJ	559	AL	DAVE	5W
0228	AJ4AY	559	AL	JAY	5W
0229	KK5LD	559	TX	DAN	5W
0230	K0UU	559	MN	JEFF	5W

0231	W4WLG	559	TX	DON	5W
0234	WB8YYY	559	MD	CURT	5W
0234	K0LOA	559	TX	DWAINE	5W
0236	K4ADI	559	SC	FRANK	5W
0237	KB3E0F	559	MD	MURPHY	5W
0238	K4JPN	559	GA	STEVE	5W
0240	N3ZPQ	559	OH	FRANK	4W
0241	W4FOA	579	GA	TONY	5W
0245	KR0U	559	CO	TIM	5W
0248	KQ5U	559	TX	TERRY	5W
0250	W9JOP	559	VA	BOB	150mW
0252	VE3FAL	559	ON	FRED	5W
0254	WB4X	459	NC	BRENT	5W
0256	AC7A	559	AZ	TOM	5W
0258	KB2FEL	599	WV	BOB	5W
0301	K3PH	559	PA	BOB	5W
0302	K5SR	559	TX	DALE	5W
0304	K9IS	559	WI	STEVE	5W
0307	K0PC	559	MN	PAT	5W
0308	WA1FXT	559	OH	BOB	5W
0311	N1EU	559	NY	BARRY	5W
0312	NN4CW	559	GA	GIL	5W
0313	W0ANM	559	MN	CHRIS	5W
0315	KD5UDB	559	LA	CHRIS	5W
0317	K8KFJ	559	WV	GARY	5W
0329	K4GT	559	GA	JIM	5W
0332	KV2X	559	NY	TOM	5W
0333	AG0T	559	ND	TODD	4W
0334	N0AR	559	MN	SCOTT	5W
0336	W2LJ	559	NJ	LARRY	4W
0337	K5MVR	559	TX	RON	5W
0350	WA9TZE	339	WI	JIM	5W
0354	WB5ZAM	559	TX	BILL	200W
0355	KD5KXF	559	TX	MIKE	5W
0400	K2ZN	XXX	NY	FOX	5W
0400	N0IT	xxx	MO	FOX	5W

-----

Date: Fri, 19 Dec 2003 12:57:10 -0500  
 From: "David Porter" <aa3ur@comcast.net>  
 To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>  
 Subject: [163384] magnets and paddle  
 Message-ID: <NGBBICPOCLKMGIBGGBEAAEPDECAA.aa3ur@comcast.net>  
 MIME-Version: 1.0  
 Content-Type: text/plain;

charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

The Radio shack magnets I mentioned earlier seem to be a little oversized and do not fit into the spring holes for the scorpion paddle. However, if you super glue them to the other side of the paddle, they seem to work fine in repulsion.

I've only put them together in the rough, so nothing is final yet, but it looks like they will work.

Dave, AA3UR

-----  
Date: Fri, 19 Dec 2003 11:02:11 -0700  
From: Jerry Haigwood <w5jh@swlink.net>  
To: QRP-L Reflector <qrp-l@lehigh.edu>  
Subject: [163385] Paddle S/N list  
Message-ID: <3FE33D23.408D2CF6@swlink.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Folks,

I have posted the latest S/N list to  
<[http://www.swlink.net/~w5jh/serial\\_numbers.htm](http://www.swlink.net/~w5jh/serial_numbers.htm)>. We have shipped all of batch 2 which ended up to be 128 paddles. Batch 3 is shceduled to ship about January 3 and it will be about 100 paddles. We wish everyone a Merry Christmas and we hope to hear some of those paddles making CW soon.

Jerry W5JH (for the AZ ScQRPions)  
<http://www.swlink.net/~w5jh/brasspaddle.htm>

-----  
Date: Fri, 19 Dec 2003 13:10:31 -0500  
From: Steven Weber <kd1jv@moose.ncia.net>  
To: qrp-l@lehigh.edu  
Subject: [163386] New In-Line Digital power/swr meter  
Message-ID: <3.0.6.32.20031219131031.007b6100@mailhost.ncia.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Hi Gang,

I've come up with a new "Altoids tin compatable" in-line digital SWR/Power meter you all might be interested in.

It has a 0-9.9 watt, 0-99(0) mw scale and 1.0:1 to 9.9:1 SWR scale.

In order to keep the board size small enough to fit into an Altoids tin, it uses a row of eight LED's, in two groups of four, as a display. The LED's are binary wieghthed, ie, they indicate 8-4-2-1 and read in BCD. So, 5 would be the 4+1 leds lighted. This might take a little getting used to, but is easy to get the hang of.

The meter is powered by two "AAA" batteries, with pcb mounted battery clips, so it's entirely self contained.

I'll be working on adding a peak hold mode and bar graph mode for SWR dipping before the software is completely finished.

Looks like I can kit this for \$25.00 plus postage. Let me know if you'd be interested in it. If there is enough interest, we'll put this on the fast track to getting it available soon. A picture of the prototype can be seen at <[http://www.qsl.net/kd1jv/swr\\_power\\_meter.HTM](http://www.qsl.net/kd1jv/swr_power_meter.HTM)>

Thanks,

72,  
Steve, KD1JV  
"Melt Solder"  
White Mountains of New Hampshire  
<http://www.qsl.net/kd1jv/>

-----  
Date: Fri, 19 Dec 2003 13:08:11 -0500  
From: "AI2Q" <ai2q@adelphia.net>  
To: <wa7nwp@jnos.org>,  
      "'Low Power Amateur Radio Discussion'" <qrp-l@Lehigh.EDU>  
Subject: [163387] RE: QRP 9k6 packet with FT-817??  
Message-ID: <000501c3c65b\$11194c20\$6401a8c0@Administrator>  
MIME-Version: 1.0  
Content-Type: text/plain;  
          charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Bill, if I remember correctly, you can only do this speed on 28-MHz and above. Best check the rules.

Vy 73, AI2Q, Alex in Kennebunk, Maine QRP-L #687

<http://users.adelphia.net/~alexmm/ai2q.htm>

.-.-.

-----Original Message-----

From: owner-qrp-1@Lehigh.EDU [mailto:owner-qrp-1@Lehigh.EDU] On Behalf Of Bill Vodall - WA7NWP  
Sent: Friday, December 19, 2003 12:14 AM  
To: Low Power Amateur Radio Discussion  
Subject: QRP 9k6 packet with FT-817??

Lots of Kenwood FT-817 owners here. Has anybody here tried using the FT-817 for 9600 packet?

I'm thinking the combination of the 817 with a soundcard modem setup should give a vast range of modes and frequencies. The big question is if it'll really work for 9600 packet.

Thanks,  
Bill - WA7NWP

-----  
Date: Fri, 19 Dec 2003 10:25:56 -0800 (PST)  
From: Bill Vodall - WA7NWP <wa7nwp@jnos.org>  
To: "'Low Power Amateur Radio Discussion'" <qrp-1@Lehigh.EDU>  
Subject: [163388] RE: QRP 9k6 packet with FT-817??  
Message-ID: <Pine.LNX.4.33.0312191019530.12343-1000000@mlark.vodall.isomedia.com>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Fri, 19 Dec 2003, AI2Q wrote:

> Bill, if I remember correctly, you can only do this speed on 28-MHz and  
> above. Best check the rules.

The actual rule is that you can do 1200 baud only above 29 MHz (or something like that.) Then 9600 and better is allowed above 50 MHz.

The attraction of the 817 is that it goes from 1.8 MHz to 450 MHz.

That covers a lot of bands that allow 9k6 data.

With a soundcard software package like MixW or even better - Linux, you could run NewQPSK on HF and 9k6 packet on 6 meters and above all with the same radio and computer setup. The big IF is still IF the 817 will "really" do 9k6 packet well. It'll be on my list for Santa if it does.

Bill - WA7NWP

>  
> Vy 73, AI2Q, Alex in Kennebunk, Maine QRP-L #687  
> <http://users.adelphia.net/~alexmm/ai2q.htm>  
>  
> .-.-.  
>  
> -----Original Message-----  
> From: owner-qrp-l@Lehigh.EDU [mailto:owner-qrp-l@Lehigh.EDU]On Behalf Of  
> Bill Vodall - WA7NWP  
> Sent: Friday, December 19, 2003 12:14 AM  
> To: Low Power Amateur Radio Discussion  
> Subject: QRP 9k6 packet with FT-817??  
>  
>  
>  
> Lots of Kenwood FT-817 owners here. Has  
> anybody here tried using the FT-817 for 9600 packet?  
>  
> I'm thinking the combination of the 817 with a  
> soundcard modem setup should give a vast range  
> of modes and frequencies. The big question is  
> if it'll really work for 9600 packet.  
>  
> Thanks,  
> Bill - WA7NWP  
>  
>

-----  
Date: Fri, 19 Dec 2003 13:38:56 -0500 (EST)  
From: "Thom R. Lacosta" <lacosta@bcpl.net>



To: "qrp-l@Lehigh.EDU" <qrp-l@Lehigh.EDU>  
Subject: [163389] QRP Web Ring  
Message-ID: <Pine.GS0.4.58.0312191335401.17620@mail>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

Please be advised that the datafile for the QRP web ring home site has been lost in a system crash.

I'm in the process of moving to code to my server and request that any webmasters who had their sites listed contact me.

The server that houses the web page, which I control is NOT affected.

73

Thom

<http://www.zerobeat.net>  
<http://www.baltimorehon.com/> Home of the Baltimore Lexicon  
<http://www.tlchost.net/> Web Hosting as low as 3.49/month

-----  
Date: Fri, 19 Dec 2003 11:01:44 -0800  
From: "Lyle Johnson" <wa7gxd@fidalgo.net>  
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [163390] RE: QRP 9k6 packet with FT-817??  
Message-ID: <NEBBKGGNGLGOHDJKFAPHIECDFGAA.wa7gxd@fidalgo.net>  
MIME-Version: 1.0  
Content-Type: text/plain;  
                charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

The ARRL test Lab reports include BER data for 9600 bps operation on 144 and 440 MHz. See QST for April, 2001 or download the review and expanded test report from the ARRL website.

Not a member? Now you have another reason to join!

72,

Lyle KK7P

And the answer is yes, it does 9600 bps packet :-)

-----  
Date: Fri, 19 Dec 2003 14:45:32 -0500  
From: "Mike Yetsko" <myetsko@insydesw.com>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [163391] FT-817  
Message-ID: <00c701c3c668\$af6e360\$0200a8c0@charter.net>  
MIME-Version: 1.0  
Content-Type: text/plain;  
                charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

I see the 817 is down to \$469 ADVERTISED price...

Mike

-----  
Date: Fri, 19 Dec 2003 14:59:57 -0500  
From: Ed Lawson <k1vp@grizzly.com>  
To: myetsko@insydesw.com  
Cc: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [163392] Re: FT-817  
Message-ID: <20031219145957.03846737.k1vp@grizzly.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset=US-ASCII  
Content-Transfer-Encoding: 7bit

On Fri, 19 Dec 2003 14:45:32 -0500  
"Mike Yetsko" <myetsko@insydesw.com> wrote:

> I see the 817 is down to \$469 ADVERTISED price...  
>

Where? Santa wants to know.

Ed Lawson  
K1VP

-----  
Date: Fri, 19 Dec 2003 15:55:59 -0500  
From: "carl seyersdahl" <carlseye@tampabay.rr.com>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [163393] op-amp  
Message-ID: <00c901c3c672\$835716c0\$073eca44@tampabay.rr.com>  
MIME-Version: 1.0  
Content-Type: text/plain;

charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Can anyone here point me to a source of the Intersil p/n  
ca3160a ??

This morning I requested a sample from Elantec/intersil and they promised  
me the would ship me a sample asap.!!

Well, just now they said, "sorry, we dont give samples of that p/n!!! All  
the "distributors" they mentioned don't have the part either. I'd like to  
build a low power wattmeter/swr meter, and need the part for it's special  
input / output characteristics.

\ Any help out there??

thanks to all.

carl / kz5ca

-----  
Date: Fri, 19 Dec 2003 16:04:19 -0500  
From: "Tom" <kf4yyd@adelphia.net>  
To: "qrp-1" <qrp-1@lehigh.edu>  
Subject: [163394] Paddles are here  
Message-ID: <EIEBLEILGEEGMLHGHOAGIEONDAAA.kf4yyd@adelphia.net>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

My paddle kit (SN #125) arrived in Virginia today, now I need to find the  
time to get it done.

73, de Tom kf4yyd Fredericksburg Virginia

IDHACWID\* QRP Club #1

\*I Don't Have A Clue What I'm Doing

-----  
Date: Fri, 19 Dec 2003 14:08:05 -0700  
From: "Ron KU7Y" <ku7y@tds.net>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [163395] VK land  
Message-ID: <003c01c3c674\$3d213bc0\$67910b45@ku7y>  
MIME-Version: 1.0

Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Hi All,

Please excuse the BW but I'd like to know if there is anyone on the list that lives near Cooma, Australia.

Thanks,

73,

Ron, KU7Y  
ku7y@qsl.net  
Brenda, AZ (or somewhere close!)  
<http://www.qsl.net/ku7y>  
<http://www.BrendaJamFest.com>

-----  
Date: Fri, 19 Dec 2003 15:10:39 -0600 (CST)  
From: "Brian.Buydens@usask.ca" <buydens@duke.usask.ca>  
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Cc: Brian Buydens <brian.buydens@usask.ca>  
Subject: [163396] DDS Daughter Card  
Message-ID: <Pine.OSF.4.53.0312191508260.362869@duke.usask.ca>  
MIME-version: 1.0  
Content-type: TEXT/PLAIN; charset=US-ASCII

I am looking at getting the DDS Daughter Card along with the PIC-EL card.  
I understand one thing I can do with it is make a digital VFO.

Question: I have an FT-101ZD which has a port for an external VFO. Would the daughter card work for this?

Thanks.

Brian Buydens  
Veterinary Electronic Data Specialist  
Computing Services, University of Saskatchewan  
email: Brian.Buydens@usask.ca  
<http://duke.usask.ca/~buydens>  
VE5RDV

-----

I am a proud citizen of "Soviet Canuckistan"

-----  
Date: Fri, 19 Dec 2003 15:14:09 -0600  
From: "Michael Melland, W9WIS" <w9wis@charter.net>  
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>,  
    njqrp@njqrp.org  
Subject: [163397] RE: FS: Idiom Press SCAF-1 Filter - SOLD  
Message-ID: <002e01c3c675\$0b439e80\$4986e98d@winad.it.uwosh.edu>  
MIME-version: 1.0  
Content-type: text/plain; charset=iso-8859-1  
Content-transfer-encoding: 7bit

The SCAF-1 filter has been sold. Thanks to all expressing interest.

Mike, W9WIS

-----  
Date: Fri, 19 Dec 2003 16:32:27 -0500  
From: "John J. McDonough" <wb8rcr@arrl.net>  
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>  
Cc: <buydens@duke.usask.ca>  
Subject: [163398] Re: DDS Daughter Card  
Message-ID: <024a01c3c677\$9a8437b0\$090044c0@BrianBoru>  
MIME-Version: 1.0  
Content-Type: text/plain;  
    charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

You would need to check with someone who is familiar with the FT101, I presume that you will need to do something to adjust the levels. I would be startled if the VFO level coming from the DDS daughtercard was exactly what the FT101 needed.

As far as frequency, that's another animal. The PIC-EL will have software which allows you to set the frequency of the daughtercard, but the readout is the DDS frequency. Surely, the VFO frequency in the 101 will be offset by the IF and possibly by some sort of multiplier. You could use it, but you would need to do some math in your head.

However, during the course of the Elmer 160 series, you will learn how to

modify the software so that it can reflect these differences. Chances are, you will think of a dozen other modifications you want to do, too.

72/73 de WB8RCR      <http://www.qsl.net/wb8rcr>  
didileydadidah      QRP-L #1446 Code Warriors #35

----- Original Message -----

From: "Brian.Buydens@usask.ca" <buydens@duke.usask.ca>  
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Sent: Friday, December 19, 2003 4:10 PM  
Subject: DDS Daughter Card

> I am looking at getting the DDS Daughter Card along with the PIC-EL card.  
> I understand one thing I can do with it is make a digital VFO.  
>  
> Question: I have an FT-101ZD which has a port for an external VFO. Would  
> the daughter card work for this?  
>  
> Thanks.  
>  
>  
> Brian Buydens  
> Veterinary Electronic Data Specialist  
> Computing Services, University of Saskatchewan  
> email: Brian.Buydens@usask.ca  
> <http://duke.usask.ca/~buydens>  
> VE5RDV  
>  
> -----  
> I am a proud citizen of "Soviet Canuckistan"  
>  
>  
>  
>  
>  
>  
>

-----  
Date: Fri, 19 Dec 2003 21:36:42 +0000  
From: "Bruce Prior" <n7rr@hotmail.com>  
To: qrp-l@Lehigh.EDU  
Subject: [163399] Crossmode SOS Contact  
Message-ID: <BAY1-F1276XQqez1enA00044668@hotmail.com>

Mime-Version: 1.0

Content-Type: text/plain; format=flowed

In my "K1 and KX1 Comparison" piece, I wrote, "Since my life was once saved by just such a cross-mode contact, I'll admit a personal bias strongly in favor of the KX1 because of this feature." "Steven J Baumrucker, MD" <author@xtn.net> then issued this plea: "Ok, you can't just let that statement slip by! Is this something you wish to elaborate on? It sounds like QUITE a dramatic story! (and it might help in our argument to preserve morse code as well!)"

Well, it was a long time ago and it was a hypothermia situation. It's written up in L. Peter Carron Jr.'s book, Morse Code: The Essential Language, published by the ARRL, pp. 1-5 to 1-6, but that write-up contains some inaccuracies. I was operating as VE7CKF at the time, and was I using my first rather than my middle name. The cartoon shows me in shorts and tee-shirt, which isn't quite accurate!

Here's the story: I was on a solo snowshoeing trip to the Five Fingers Range west of Pitt Lake, British Columbia, not very far from Vancouver. Pitt Lake is one of the very few tidal freshwater lakes in the world. At high tide the Fraser River level rises and backs up through the short channel of Pitt River, becoming an inlet into the large fjord Pitt Lake, and at low tide the Fraser River level goes down so that the current in Pitt River reverses, draining Pitt Lake. I chartered a float plane to take me near the northern end of Pitt Lake and made arrangements for a pick-up five days later. I had my Ten-Tec Argonaut along, but it was too heavy to carry into the mountains, so I left it at the lakeside in a garbage bag at the lakeside. My only radio was an Icom IC-2AT, which was only useable when I got high into the mountains. During my first night camping on a mountain side, it began to snow. By morning the accumulation was substantial and I got concerned about avalanche hazard, so I decided to retreat as the snowstorm continued. By the time I reached sea level, the temperature was just above freezing, and the heavy snow had become heavy rain. I was completely soaked. I spent a miserable night in my tent on the shore of Pitt Lake. My only decent insulation was a pile inner sleeping bag. My main sleeping bag, although made of artificial fiber insulation, was too wet to be effective.

I don't know why I didn't have the presence of mind to build a fire. Even in the wet forest, I could have done so, since I still had white gas for my camp stove. I think my hypothermia was effecting my judgement. When the light of morning finally arrived, I considered my options. I had a tiny dingy along, and I thought of using it to travel a short distance to a dock at a cabin, where I thought I might be able to break in and later compensate the owner. If the dingy capsized, I would surely die, so I abandoned that idea. The clouds were pretty low, but it looked like the ceiling was high enough for a float plane to fly above the lake. I decided to set up my

Argonaut. I had a simple 20 m halfwave dipole and an RG-174 feedline. I could only manage to toss the dipole over some low tree branches. I tuned around and heard VE6BLJ in a USB QSO with a Vancouver station which I could barely hear on 14.140 MHz, the Canadian 20 m calling frequency. I quickly scribbled out a message in ARRL format, then I interrupted Jean Ness' QSO with an SOS. She stopped talking and asked me to repeat my transmission. When I repeated my SOS, she asked for details. I sent her my message in what must have been very shaky CW. I heard her then relay it to the Vancouver amateur, who then phoned the float plane company. I didn't have a microphone along, just a momentary switch which I used as a straight key. It was very hard to send in my cold state. In about 90 minutes I could hear the plane. During the mad scramble of packing up my gear, I actually warmed up a bit. When it came into sight, I fired a flare, since I was on the other side of a large creek from where the pilot had dropped me off. I was soon inside a warm cockpit, headed home. Nowadays, of course, I always carry a QRP rig (or two!) whenever I go into the wilderness. At the moment, that would be a KX1, plus a DSW-80 modified to hear LSB, since I consider the ability to connect with 80 meter traffic nets is important for routine contact with the outside world. The KX1 alone can do the same job that the Argonaut did, since it is specifically designed to allow CW/SSB crossmode communication.

72,

J. Bruce Prior N7RR  
Kairos Research  
853 Alder Street  
Blaine, WA 98230-8030  
360-332-6046

Patronize tobacco-free enterprises and institutions.

-----  
Worried about inbox overload? Get MSN Extra Storage now!  
<http://join.msn.com/?PAGE=features/es>

-----  
Date: Fri, 19 Dec 2003 16:58:23 -0500  
From: "Mike Yetsko" <myetsko@insydesw.com>  
To: "Ed Lawson" <k1vp@grizzly.com>  
Cc: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [163400] Re: FT-817  
Message-ID: <002601c3c67b\$4715e480\$0200a8c0@charter.net>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit



The AES ad in the QST that arrived yesterday...

----- Original Message -----

From: "Ed Lawson" <k1vp@grizzly.com>

To: <myetsko@insydesw.com>

Cc: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Sent: Friday, December 19, 2003 2:59 PM

Subject: Re: FT-817

> On Fri, 19 Dec 2003 14:45:32 -0500

> "Mike Yetsko" <myetsko@insydesw.com> wrote:

>

> > I see the 817 is down to \$469 ADVERTISED price...

> >

>

> Where? Santa wants to know.

>

> Ed Lawson

> K1VP

>

-----  
Date: Fri, 19 Dec 2003 14:18:33 PST

From: James R Giammanco <n5ib@juno.com>

To: qrp-l@Lehigh.edu

Subject: [163401] sQRPions paddle #15

Message-ID: <20031219.170742.8647.3.n5ib@juno.com>

Finally polished and laquered #15 more or less to my satisfaction. A photo is on my key and paddle page, findable via <<http://www.qsl.net/n5ib>>

The link to the keys is about halfway down the right side of the home page. Then the sQRPion paddle is lower right. I want to make a little wood travel case for it next.

Also on the key/paddle page (lower left) are some pics of "restorations" - maybe "rennovations" is better - of a Lionel J-38 and a Speed-X that were acquired in pretty poor shape at a hamfest... the J-38 was just pieces in a cigar box full of odd key parts, the Speed-X had been cruelly wire-brushed in an attempt to remove flaking chrome. The cigar box yielded enough parts for perhaps up to three more keys, though not everything matches up and I'll have to make some replacement parts.

Now to wire all of them in parallel again (like last year) for Straight

Key Night. The challenge will be to use all 15 keys in each QSO :^))  
Or maybe the \*real\* challenge will be for the OM/YL on the other end to  
figure out what I'm trying to send :^))

72  
Jim N5IB

-----  
The best thing to hit the internet in years - Juno SpeedBand!  
Surf the web up to FIVE TIMES FASTER!  
Only \$14.95/ month - visit [www.juno.com](http://www.juno.com) to sign up today!

-----  
Date: Fri, 19 Dec 2003 17:28:11 -0500  
From: "Dick" <dboleley@adelphia.net>  
To: <qrp-l@listserv.lehigh.edu>  
Subject: [163402] DDS and PIC El 160 as combo for R2Pro  
Message-ID: <000901c3c67f\$632f0d00\$6601a8c0@s>  
MIME-Version: 1.0  
Content-Type: text/plain;  
                charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Is it feasible to use the PIC EL 160 PIC programmer and the DDS Daughter  
board to drive the two VFO signals (0 and 90deg) into the Rick Campbell  
R2Pro DC receiver?

Dick N3HKN

-----  
Date: Fri, 19 Dec 2003 18:36:27 -0600  
From: "Nick Kennedy" <wa5bdu@tcainternet.com>  
To: <buydens@duke.usask.ca>,  
      "'Low Power Amateur Radio Discussion'" <qrp-l@Lehigh.EDU>  
Subject: [163403] RE: [qrp-l] DDS Daughter Card  
Message-ID: <000d01c3c691\$4df11a70\$0400000a@wa5bdu>  
MIME-Version: 1.0  
Content-Type: text/plain;  
                charset="US-ASCII"  
Content-Transfer-Encoding: 7bit

You could probably make that work.

Transceivers like the FT-101 typically have a VFO that tunes a fixed range, say 5.0 to 5.5 MHz. If it's exactly that on each band, you could just have your controller display 100's of kHz down to Hz and do the MHz part in your head.

I did something similar with a Corsair once. Turned out it didn't tune exactly 5.0 to 5.5 on each band though--just minor differences, so I had the program do the adjustment and display the correct frequency on the PC screen. You could do the same, but the display would be your LCD instead of a PC screen. You could determine experimentally what the offset is for each band and hard code that into your PIC. Say you input 5050 kHz on 20 meters and your output frequency is measured as 14052.525 kHz. So you'd have a routine that adds 2.525 to the programmed frequency value before sending it to the display.

In the case of my Corsair, the small (1 V p-p or so) signal out of the DDS was enough to drive the rig and I didn't need any additional amplification. You could need some amplification (or attenuation, but I doubt it), but it shouldn't be very hard to implement. If you have an RF voltmeter (diode type probe and DC voltmeter), you might measure what voltage the internal VFO is putting out as a starting point, and compare that to the published value for the DDS.

Sounds like a fun project.

72--Nick, WA5BDU

-----Original Message-----

From: owner-qrp-l@Lehigh.EDU [mailto:owner-qrp-l@Lehigh.EDU] On Behalf Of Brian.Buydens@usask.ca

I am looking at getting the DDS Daughter Card along with the PIC-EL card. I understand one thing I can do with it is make a digital VFO.

Question: I have an FT-101ZD which has a port for an external VFO. Would the daughter card work for this?

-----  
Date: Fri, 19 Dec 2003 18:12:31 -0500  
From: "Fred \(\VE3FAL\) " <flesnick@tbaytel.net>  
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>,  
<qrp-canada@gpfn.sk.ca>

Subject: [163404] Terrible band CDX  
Message-ID: <00cf01c3c685\$97a467f0\$6d04d3d8@flesnick>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="us-ascii"  
Content-Transfer-Encoding: 7bit

Just got in the door, turned the rig on, and not hearing much.  
Went to WWV on 15 megs, and they are at a S3...10megs is an S5, but have  
a very high static level on all bands.  
On 10 Megs I have heavy QSB with WWV dropping to S3-S9; I can hear WWVH  
in the background on 10 Megs.  
It is currently 23:10 on Friday.  
I also hear some ola's under WWV on 10 megs....

Fred  
VE3FAL

-----  
Date: Fri, 19 Dec 2003 18:15:17 -0500  
From: "David LeDuc" <dleduc@adelphia.net>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [163405] RE: FT-817  
Message-ID: <MPEBLEI0LEPIGHEMLNNOAEANCFAA.dleduc@adelphia.net>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Gigaparts and HRO has them for the same price. \$569 with \$100 rebate.

-----Original Message-----

From: owner-qrp-1@Lehigh.EDU [mailto:owner-qrp-1@Lehigh.EDU] On Behalf Of  
Mike Yetsko  
Sent: Friday, December 19, 2003 4:58 PM  
To: Low Power Amateur Radio Discussion  
Subject: Re: FT-817

The AES ad in the QST that arrived yesterday...

----- Original Message -----

From: "Ed Lawson" <k1vp@grizzly.com>

To: <myetsko@insydesw.com>

Cc: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Sent: Friday, December 19, 2003 2:59 PM

Subject: Re: FT-817

> On Fri, 19 Dec 2003 14:45:32 -0500

> "Mike Yetsko" <myetsko@insydesw.com> wrote:

>

> > I see the 817 is down to \$469 ADVERTISED price...

> >

>

> Where? Santa wants to know.

>

> Ed Lawson

> K1VP

>

-----

Date: Fri, 19 Dec 2003 18:16:40 -0500

From: "Thomas Lewis" <thomas\_h\_lewis@msn.com>

To: n1olo@yahoo.com, qrp-1@Lehigh.EDU

Subject: [163406] RE: blt and dipole (send them up)

Message-ID: <BAY5-F36tRpeVPOEcyh000033ec@hotmail.com>

Mime-Version: 1.0

Content-Type: text/plain; format=flowed

Sounds similar to a sailor's "monkey fist". My dad taught me to tie one about 40 years ago. As I recall, we made a lead ball and tied the knot around it. It looks similar to a "turks head" which is the knot that your boy scout neckerchief (sp?) slide resembled.

Can you imagine helping your kids use a plumber's pot to melt lead to make fishing sinkers, toy soldiers, and what not today? I even used it for plumbing when my dad remodeled the basement and we moved the underground sewer lines.

Tom

>From: John Kalotai <n1olo@yahoo.com>

>Reply-To: n1olo@yahoo.com

>To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

>Subject: RE: blt and dipole (send them up)

>Date: Fri, 19 Dec 2003 06:10:26 -0800 (PST)

>  
>  
>I use a tree surgeon's throw bag and slick line. The throw bag is  
>made of ballistic nylon and filled with fine lead shot. With a little  
>practice it can be thrown accurately up to about 50 feet or so. Slick  
>line is polypropylene line that slides nicely over branches. It can  
>be stuffed into a large coffe can for deployment.  
>  
>The two can be purchased together at tree surgeons or landscapers  
>supply for about \$25.  
>  
>The best part is unlike fishing line and weights it doesn't have the  
>tendency to wrap around tree limbs.  
>  
>  
>73 & Happy Holly-Daze  
>  
>John N10LO

-----  
Tired of slow downloads? Compare online deals from your local high-speed  
providers now. <https://broadband.msn.com>

-----  
Date: Fri, 19 Dec 2003 15:24:21 -0800  
From: "Lyle Johnson" <wa7gxd@fidalgo.net>  
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [163407] RE: DDS and PIC El 160 as combo for R2Pro  
Message-ID: <NEBBKGGNGLGOHDJKFAPHMECNFGAA.wa7gxd@fidalgo.net>  
MIME-Version: 1.0  
Content-Type: text/plain;  
                charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

> Is it feasible to use the PIC EL 160 PIC programmer and the DDS Daughter  
> board to drive the two VFO signals (0 and 90degs) into the Rick Campbell  
> R2Pro DC receiver?

Analog Devices has an appnote on how to slave two DDS chips to get phase  
quadrature. Check their website [www.analog.com](http://www.analog.com) But be ready for the  
spurs!

72,

Lyle KK7P

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End of QRP-L Digest 3139

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